



Trip Report  
Wipes 3/9/97



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DATE: 28 March 1997

TO: Sella Burchette, U.S. EPA/ERTC Work Assignment Manager

THROUGH: Vinod Kansal, REAC Section Leader *Vinod Kansal*

FROM: Kenneth Robbins, REAC Task Leader *K. Robbins*

SUBJECT: CORNELL/DUBILIER ELECTRONICS  
WORK ASSIGNMENT #1-262 - TRIP REPORT

## BACKGROUND

The United States Environmental Protection Agency (EPA) Region II requested the assistance of the U.S. EPA/Environmental Response Team Center (ERTC) in determining the extent of contamination of polychlorinated biphenyl (PCB), lead, and cadmium in small businesses located in South Plainfield, NJ. The U.S. EPA/ERTC activated the Response Engineering and Analytical Contract (REAC) to perform wipe sampling at these business locations.

## OBSERVATIONS AND ACTIVITIES

On 21 March 1997 REAC personnel, under the supervision of a U.S. EPA/ERTC work assignment manager, conducted wipe sampling at locations designated by the work assignment manager. Each location received two separate side by side wipe samples. The first sample was taken for PCB "Aroclor 1254", the second for lead and cadmium. Twenty-seven sampling locations were chosen in twelve buildings. Two buildings were not sampled because there was no occupant present. Sampling locations can be found in Table 1. Copies of the field data sheets can be found in Appendix A.

Aroclor 1254, lead, and Cadmium were sampled by wiping a wet 3" X 3" cotton gauze pad over an area of 100 squared centimeters (cm<sup>2</sup>) which was marked off by using a 10 cm X 10 cm dedicated template. The pad used to sample for PCB was wetted with pesticide grade hexane. The pad used to sample for metals was wetted with deionized water.

## RESULTS

The preliminary lab results are expected to be available 4 April 1997 for Aroclor 1254 and 18 April 1997 for lead and cadmium.

## FUTURE ACTIVITIES

No further sampling activities are planned at this time. The final report will be completed one week after the lab results are received.

File WA 1-262



Table 1  
Wipe Sampling Locations  
Cornell/Dubilier Electronics  
South Plainfield, NJ  
March 1997

Building Number	Occupant	Sample Location	Time	Sample Number
6	Rupcoe	Shelf in bay area next to Aprilaire whole house humidifier.	0907	08561 PCB 08562 Metals
6	Rupcoe	Office, on table next to copier.	0912	08563 PCB 08564 Metals
13	Transport Logistics	Front entry left of bay door opening. Floor, low contact.	1054	08565 PCB 08566 Metals
13	Transport Logistics	Work station in garage.	1058	08567 PCB 08568 Metals
13	Transport Logistics	Break room counter near microwave.	1102	08569 PCB 08570 Metals
18	Norpak	Top of toaster oven in front entry area.	0835	08571 PCB 08572 Metals
18	Norpak	Workbench in second room in.	0845	08573 PCB 08574 Metals
18	Norpak	Floor in front entry next to hole in left wall.	0842	08575 PCB 08576 Metals
14	JRS Engineering	Low contact under front office desk on floor.	0815	08577 PCB 08578 Metals
14	JRS Engineering	Floor approx. 30' inside bay doors by dip tanks.	0825	08579 PCB 08580 Metals
14	JRS Engineering	High contact area. Top of drafting desk in large open work area.	0830	08581 PCB 08582 Metals
11	Fabrications Technologies	Floor next to garage door entrance. Low contact.	1023	08585 PCB 08586 Metals
12	R & M Manufacturing	Garage floor next to garage door entrance on right as you enter garage door. Low contact.	1010	08587 PCB 08588 Metals
12	R & M Manufacturing	First table saw area on right beyond office trailer.	1014	08589 PCB 08590 Metals

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Table 1 (continued)  
Wipe Sampling Locations  
Cornell/Dubilier Electronics  
South Plainfield, NJ  
March 1997

Building Number	Occupant	Sample Location	Time	Sample Number
5A	Robalo	Front entry to left of garage door, floor. Low contact.	0949	08591 PCB 08592 Metals
5A	Robalo	Office. Top of fridge.	0954	08593 PCB 08594 Metals
5A	Robalo	Workstation in back, middle of entire room.	0958	08595 PCB 08596 Metals
10	DSM	Top of compressor. Low contact.	1038	08597 PCB 08598 Metals
9A	Pioneer	Low contact on left wall of entrance to bay door.	0859	08599 PCB 08600 Metals
5	Columbia	Low contact floor next to blue furnace.	0925	08601 PCB 08602 Metals
5	Columbia	Center aisle work area (truck carb's).	0929	08603 PCB 08604 Metals
5	Columbia	Work station closest to front entry in center (alternators).	0933	08605 PCB 08606 Metals
5	Columbia	Top of wall unit next to plastic flap entry.	0936	08607 PCB 08608 Metals
5	Columbia	Picnic table in break room.	0940	08609 PCB 08610 Metals
2	Promotion Associates	Next to front garage door opening on floor.	1114	08611 PCB 08612 Metals
3	Able Metro	Office counter.	1120	08613 PCB 08614 Metals
3	Able Metro	Floor next to garage door entrance.	1123	08615 PCB 08616 Metals
1	Hope International	Samples not collected. No one present.	NA	NA
9C	CJ Trading	Samples not collected. No one present.	NA	NA

NA-- Not Applicable

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Appendix A  
Field Data Sheets  
Cornell/Dubilier Electronics  
Trip Report  
March 1997

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ENVIRONMENTAL RESPONSE TEAM CENTER  
WIPE SAMPLING WORK SHEET

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Roy F. Weston Inc.  
REAC Project, Edison, NJ  
EPA Contract No. 68-C4-0022

Site: Cornell Dubilier Site

WA#: 1-262

Prepared By: Robbins/Solinski

EPA/ERT WAM: Burchette

Date: 3/21/97

REAC Task Leader: Robbins

Sample #	Sample Location Description
8561 PCBs	Bldg 6 SHELF IN BAY AREA NEXT TO APRILAIRE
8562 Metals	907 WHOLE HOUSE HUMIDIFIER
8563 PCBs	Bldg 6 OFFICE - ON TABLE NEXT TO COPIER
8564 Metals	912 RUPCOE
8565 PCBs	Bldg 13 FRONT ENTRY LEFT OF BAY/DOOR OPENING
8566 Metals	1054 FLOOR LOW CONTACT
8567 PCBs	TRANSPORT LOGISTICS
8568 Metals	Bldg 13 WORK STATION TABLE IN BARBER
8569 PCBs	1058 TRANSPORT LOGISTICS
8570 Metals	Bldg 13 BREAKROOM COUNTER NEAR MICROWAVE
8571 PCBs	1102 TRANSPORT LOGISTICS
8572 Metals	Bldg 18 TOP OF TOASTER OVEN IN FRONT ENTRY AREA
8573 PCBs	935 NURPAK
8574 Metals	Bldg 18 WORK BENCH IN SECOND ROOM IN
8575 PCBs	842 FLOOR IN FRONT ENTRY NEXT TO LEFT WALL
8576 Metals	842 NEXT TO HOLE IN WALL
8577 PCBs	NURPAK
8578 Metals	Bldg 14 LOW CONTACT UNDER FRONT OFFICE DESK
8579 PCBs	815 JRS ENGINEERING
8580 Metals	Bldg 14 FLOOR APPROX 30' INSIDE BAY DOORS
8581 PCBs	825 BY DIP TANK
8582 Metals	JRS ENGINEERING
8583 PCBs	Bldg 14 HIGH CONTACT AREA DRAFTING DESK
8584 Metals	89D IN LARGE OPEN WORK AREA ON TOP
8585 PCBs	JRS ENGINEERING
8586 Metals	Bldg 9C NOT COLLECTED NO ONE PRESENT
8587 PCBs	CS TRADING

General Comments: For the lead and cadmium wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with distilled water. For the Aroclor 1254 wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water.



ENVIRONMENTAL RESPONSE TEAM CENTER  
WIPE SAMPLING WORK SHEET

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Roy F. Weston Inc.  
REAC Project, Edison, NJ  
EPA Contract No. 68-C4-0022

Site: Cornell Dubilier Site

WA#: 1-262

Prepared By: Robbins/Solinski

EPA/ERT WAM: Burchette

Date: 3/21/97

REAC Task Leader: Robbins

Sample #	Sample Location Description
8609 PCBs	Bldg 5 PICNIC TABLE IN BREAK ROOM
8610 Metals	940 COLUMBIA
8611 PCBs	Bldg 2 NEXT TO FRONT GARAGE DOOR OPENING ON
8612 Metals	1114 FLOOR PROMOTION ASSOCIATES
8613 PCBs	Bldg 3 OFFICE COUNTER
8614 Metals	1120 ABLE METRO
8615 PCBs	Bldg 3 GARAGE FLOOR SIDE DOOR NEXT
8616 Metals	1123 NEXT TO ENTRANCE ABLE METRO
8617 PCBs	Bldg 1 - NOT COLLECTED NO ONE PRESENT
8618 Metals	HOPE INTERNATIONAL
8619 PCBs	Bldg 1 NOT COLLECTED NO ONE PRESENT
8620 Metals	HOPE INTERNATIONAL
8617 PCBs	MS/MSD
8618 Metals	
8619 PCBs	FIELD BLANK
8620 Metals	
PCBs	
Metals	
PCBs	
Metals	
PCBs	
Metals	
PCBs	
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PCBs	
Metals	

General Comments: For the lead and cadmium wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water. For the Aroclor 1254 wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water.